

APPARATUS AND METHOD FOR OPTICAL INTERCONNECTION**ABSTRACT OF THE DISCLOSURE**

23 An apparatus (and method) for launching a modulated optical signal, includes a waveguide, an antenna structure for communicating with the waveguide and with an externally-applied optical field and having an output port, and an electrically-variable-impedance device connected at the antenna's output port, capable of responding at a frequency of an externally-applied optical field and having its impedance at the optical frequency changed by an applied electrical signal.